

Shri. Swami Vivekanand Shikshan Sanstha's Kolhapur
PADMABHUSHAN DR. VASANTRAODADA PATIL
MAHAVIDYALAYA, TASGAON
(Affiliated to Shivaji University Kolhapur)

Department of Statistics

Certificate course on **"Data Analysis using MS-Excel and R Software"** for B.Sc. III Statistics Students.

Academic Year 2017-18

Shri. Swami Vivekanand Shikshan Sanstha's Kolhapur

**PADMABHUSHAN Dr. VASANTRAODADA PATIL
MAHAVIDYALAYA, TASGAON**

Department of Statistics

Date: 03/08/2017

Notice

The Students of B.Sc. III Statistics are hereby informed that, The Certified course on "**Data Analysis using MS-Excel and R Software**" is organized by the department. The lecture series for the concerned course arranged during 07/08/2017 to 16/08/2017. All the students should attend the lectures from 07/08/2017, at 11.00 AM onwards.



Dr. V. Y. Pawar






(Head of Department)
Head,

Department of Statistics,
Padmabhushan Dr. Vasanttraodada Patil
Mahavidyalaya, Tasgaon, Dist. Sangli

BOARD OF STUDY

Year 2017-18

The meeting of the members of BOS in Certified Course on "Data Analysis using MS-Excel and R Software" for B.Sc. III Statistics students is held on 4th Aug 2017 for the preparation of syllabus. The following members are present and prepared the syllabus of above course and submitted to collage authority.

Name	Position	Signature
Dr. V. Y. Pawar	Chairman	
Mr. S. D. Kamble	Member	
Dr. D. S. Jadhav	Member	
Mr. U. H. Pawar	Member	
Mr. U. S. Mane	Member	

**Swami Vivekanand Shikshan Sanstha's
Padmabhushan Dr.Vasatraodada Patil Mahavidyalaya,
Tasgaon.**

**Capsule course on "Data Analysis using MS-Excel and
R-Software".**

Syllabus

- 1) Introduction to MS-Excel and R-Software as data analysis software's.
Data input, Export, Graphical Representation of data.
- 2) Measure of Central Tendency AM, GM, IM. Median, Mode:
- 3) Measure of dispersion: Range. Partition values Quartiles, Deciles and Percentiles
Mean Deviation, Standard Deviation, variance, Coefficient at Variation. Moments,
Skewness and Kurtosis Correlation and Regression using Excel and R-Command
- 4) Time series analysis, testing of statistical hypothesis, large sample tests
exact sampling tests.
- 5) Fitting and model sampling of the discrete and continuous
distributions, using Excel and R-Command.

Time Table

Period	Time	07/08/17	08/08/17	09/08/17	10/08/17	11/08/17	12/08/17	14/08/17	16/08/17
1	11.00-12.00	SDK	UHP	USM	UHP	DSJ	USM	SDK	DSJ
2	12.00-1.00	DSJ	SDK	DSJ	USM	UHP	SDK	USM	USM
3	2:00-5:00	UHP	USM	SDK	DSJ	SDK	UHP	DSJ	UHP



(Dr. V. Y. Pawar)

Head,

Department of Statistics,

Padmabhushan Dr. Vasantkradada Patil
Mahavidyalaya, Talgaon, Dist. Sangli

List of participate Students (07/08/2017 to 16/08/2017)

Sr.No.	Roll No.	Name
1	4417	Athawale Anuradha Vijay
2	4418	Babar Sarjka Manik
3	4419	Babar Shital Bhujling
4	4420	Bhanuse Laxman Appaso
5	4421	Chavan Madhuri Madhu
6	4422	Chormule Ashwini Jotiba
7	4423	Chougule Akash Parsu
8	4424	Chougule Dipali Rajaram
9	4425	Chougule Santosh Ramdas
10	4426	Dabe Anuja Arun
11	4427	Dhere Sarswati Anand
12	4428	Ghail Sandya Suresh
13	4429	Ghate Pooja Sunil
14	4430	Hubale Amol Ananda
15	4431	Inamdar Shahista Jahangir
16	4432	Jadhav Pragati Mahadev
17	4433	Jadhav Sunita Uttam
18	4434	Jadhav Suraj Namdev
19	4435	Jagdale Varsha Sahebrao
20	4436	Jagtap Manjiri Hanmant
21	4437	Kadam Dhiraj Sanjay
22	4438	Khot Ramchandra Krushna
23	4439	Koshti Kavita Mahadev
24	4440	Makandar Swaliya Aslam
25	4441	Mali Ashwini Gundu
26	4442	Mali Rani Bhanudas
27	4443	Mali Ravsaheb Raghunath
28	4444	Mali Rupali Prakash
29	4445	Mali Sarita Hariba
30	4446	Mane Anuja Lalaso
31	4447	Mane Shankar Bhagwan
32	4448	Mohite Priyanka Shivaji

33	4449	Mokashi Varsha Chandrakant
34	4450	Mujawar Shakin Dilawar
35	4451	Olekar Nikita Sanjay
36	4452	Patil Pranjali Ramchandra
37	4453	Patil Prathmesh Sambhaji
38	4454	Patil Shamal Satish
39	4455	Patil Shraddha Jaysingrao
40	4456	Patil Shraddha Ravsaheb
41	4457	Patil Shridhar Subhash
42	4458	Patil Vijay Ananda
43	4459	Pujari Pravin Raghunath
44	4460	Raste Jeevan Nivrutti
45	4461	Sadamate Visheajeet Sanjay
46	4462	Salunkhe Pradipkumar Tanaji
47	4463	Salunkhe Pranali Bhagwan
48	4464	Sapkal Maya Jayawant
49	4465	Sargar Rekha Sidram
50	4466	Sathe Sonam Tatyasaheb
51	4467	Shete Aruna Nagnath
52	4468	Shinde Geeta Laxman
53	4469	Shinde Pragati Vasantao
54	4470	Shinde Pravin Eknath
55	4472	Soudagar Tanjila Yunnus
56	4473	Supnar Satyawant Janardan
57	4474	Tamboli Simran Ajij
58	4475	Ubale Rohan Ankush
59	4476	Wagh Virangna Laxman
60	4477	Zambare Pallavi Ramchandra

Dr. V. Y. Pawar

Head,

Department of Statistics,

Padmabhushan Dr. Vasantao Dada Patil
Mahavidyalaya, Tarapur, Dist. Sangli

B.Sc II

Sr. No.	Roll No.	Name
1	4041	Patil Rutuja Tanaji
2	4042	Pawar Anuradha Anil
3	4043	Sasane Suraj Ashok
4	4044	Shah Bhakti Sandesh
5	4045	Shendage Mayuri Ravindrath
6	4046	Shendage Shubhangi Maruti
7	4047	Shinde Nilam Gajanan
8	4048	Shinde Poonam Gunwant
9	4049	Shinde Rhunal Dhanaji
10	4050	Suryawanshi Dhanashri Baburao
11	4051	Tawdar Suvama Balaso
12	4052	Waghmare Amruta Popat
13	4053	Zarekar Shrutika Nitin
14	4160	Bhosale Snehal Rajaram
15	4161	Disale Sourabh Balasaheb
16	4162	Ghodake Sanchita Mahadev
17	4163	Jamdade Aishwarya Vijay
18	4164	Kumbhar Onkar Balaso
19	4165	Mali Aishwarya Sanjay
20	4167	Patil Ashwini Navnath
21	4168	Patil Mrunal Mohan
22	4169	Patil Pooja Pandurang
23	4170	Patil Priyanka Bharamu
24	4171	Patil Yashwant Basgonda
25	4172	Pawar Nikeeta Dnyandev
26	4173	Shinde Varsha Shrikant
27	4174	Zambare Vishwajeet Balasaheb

B.Sc I

Sr. No.	Roll No.	Name
1	3621	Bansode Mayur Dilip
2	3622	Bhilawade Varsha Sanjay
3	3623	Bhosale Gayatri Tanaji
4	3624	Bhosale Satish Dilip
5	3625	Chavan Vaibhav Ramesh
6	3626	Chavan Vinayak Rajkumar
7	3627	Darekar Raturaj Bhagvan
8	3628	Dhekane Dipak Raju
9	3629	Gade Shweta Satish
10	3630	Gaikwad Vishwajeet Dattatray
11	3631	Gavali Sayali Shashikant
12	3632	Ghatage Prathamesh Satish
13	3633	Jadhav Amruta Vitthal
14	3634	Jadhav Dhanashree Murlidhar
15	3635	Jadhav Omkar Babaso
16	3636	Jadhav Pooja Prakash
17	3637	Jadhav Rahul Pandurang
18	3638	Jadhav Ranjeet Rajaram
19	3639	Jadhav Rushikesh Popat
20	3640	Jadhav Shivam Dipak
21	3641	Jadhav Suhas Shivaji
22	3642	Jadhav Supriya Vishwas
23	3643	Jadhav Sushant Subhash
24	3644	Jadhav Vaibhav Sukhadev
25	3645	Jadhav Vaishnavi Vishwas
26	3646	Jadhav Vikas Ananda
27	3647	Jamdade Kuldip Pandurang
28	3648	Jamdade Pratiksha Madhukar
29	3649	Jamdade Sarika Sanjay
30	3650	Kalase Pratiksha Sunil
31	3651	Kognole Pranit Ajit
32	3652	Kolekar Abhimanyu Dilip
33	3653	Koli Radhika Shivaji
34	3654	Kore Aishwarya Bhagwan
35	3655	Magdum Prathamesh Mahavir
36	3656	Mali Abhijit Subhash
37	3657	Mali Akash Vijay
38	3658	Mali Atusha Suresh
39	3659	Mali Komal Krushna
40	3660	Mali Nilam Suresh

52	4468	SHINDE GEETA LAXMAN	GeetaS.	GeetaS.	GeetaS.	GeetaS.	GeetaS.	GeetaS.	GeetaS.	-
53	4469	SHINDE PRAGATI VASANTRAO	Shany	Shany	Shany	Shany	Shany	Shany	Shany	Shany
54	4470	SHINDE PRAVIN EKNATH	Bhinde	Bhinde	P. Shinde	Bhinde	Bhinde	Bhinde	Bhinde	-
55	4472	SOUNDAGAR TANJILA YUNNUS	Nambiar	Nambiar	Nambiar	Nambiar	Nambiar	Nambiar	Nambiar	Nambiar
56	4473	SUPNAR SATYAWAN JANARDAN	Supnar	Supnar	Supnar	Supnar	Supnar	Supnar	Supnar	Supnar
57	4474	TAMBOLI SIMRAN AJI	Tamboli	Tamboli	Tamboli	Tamboli	Tamboli	Tamboli	Tamboli	Tamboli
58	4475	UBALE ROHAN ANKUSH	Ubale	Ubale	Ubale	Ubale	Ubale	Ubale	Ubale	Ubale
59	4476	WAGH VIRANGNA LAXMAN	wagh	wagh	wagh	wagh	wagh	wagh	wagh	wagh
60	4477	ZAMBARE PALLAVI R.	Zany	Zany	-	Zany	Zany	Zany	Zany	Zany

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for **B.Sc. III Statistics Students.**

Report

The department of Statistics organized a special course entitled **"Data Analysis using MS-Excel and R Software"** during 07/08/2017 to 16/08/2017. The objective behind conducting the special course is that students familiarizes statistical tools with software's, which will be helpful to the students to get jobs in various sectors. While analyzing data we need complicated calculations which are more time consuming. The software's namely MS-Excel and R-software are very useful data analysis software's, requires less time.

All the students of the department participated in such a special course. The total 8 day's course carried in two sessions. The faculty member of the department Mr.S.D.Kamble, Dr.D.S.Jadhav, Mr.U.H.Pawar and Mr.U.S.Mane taught the various commands and how to right the R-Programme in R software.

As a result of the course the students got very much information regarding data analysis using software's in very less time.



Dr. V. Y. Pawar
Head,

Department of Statistics,
Padmabhushan Dr. Vasanttraodada Patil Mahavidyalaya, Tasgaon, Dist. Kolhapur

*"Dissemination of Education for Knowledge, Science and Culture"-
Shikshanmaharashi Dr. Bapuji Salunkhe*

*Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon
Department of Statistics
Certificate Course in Data Analysis using MS-Excel & R
(B.Sc.III)*

*This is Certify that Mr./Miss Pujari Pravin Raghunath has completed
successfully " Certificate Course in Data Analysis using MS-Excel"
Conducted by Department of Statistics Padmabhushan Dr. Vasantraodada
Patil Mahavidyalaya, Tasgaon Academic year 2017-18.*



Dr. V.Y. Pawar
HEAD

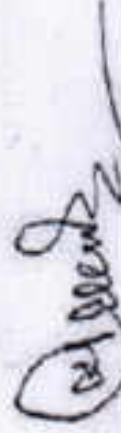


Dr. R.R. Kumbhar
PRINCIPAL

*"Dissemination of Education for Knowledge, Science and Culture"-
Shikshanmaharashi Dr. Bapuji Salunkhe*

*Shri Swami Vivekanand Shikshan Sanstha Kolhapur
Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon
Department of Statistics
Certificate Course in Data Analysis using MS-Excel & R
(B.Sc.III)*

*This is Certify that Mr./Miss Mani Rupali Prakash has completed
successfully " Certificate Course in Data Analysis using MS-Excel"
Conducted by Department of Statistics Padmabhushan Dr. Vasantraodada
Patil Mahavidyalaya, Tasgaon Academic year 2017-18.*



Dr. V.Y. Pawar
HEAD



Dr. R.R. Kumbhar
PRINCIPAL